Bruhath Bangalore Mahanagara Palike

Negotiated Financial Bid Comparative Statement

Tender Notification No. RRND/EE/Tend/07/2020-21, Date: 18.12.2020

Indent No: BBMP/2020-21/OW/WORK_INDENT46185

Name of Work: Construction of Arch and Providing interlocking tiles infront of Saibaba Temple and Construction of RCC Roof for Ramp near Ganesha Temple in ward no 17 and Widening and Improvements to Road from BEL Circle to Mathikere Flyover.

Sl No	Item Name	Unit	Estimate Quantity	As per Sanctioned Estimate Rate (PWD SR 2018-19 B'lore Circle.)		As per PWD SR 2018-19 and Issue Rate Dated: 01.02.2021		Rates quoted by B N Girish (S K S INFRASTRUCTURES PVT LTD)		Negotiated rates quoted by B N Girish (S K S INFRASTRUCTURES PVT LTD)	
				Estimate Rate	Total Amount in Rs	Estimate Rate	Total Amount in Rs	Rate	Total Amount in Rs	Rate	Total Amount in Rs
1	Providing and constructing Precast concrete solid blocks with compressive strenght not less than	Sqm	128.01	984.96	126084.73	984.96	126084.73	1132.00	144907.32	995.00	127369.95
2	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:8,	Cum	8.86	5921.64	52465.73	5921.64	52465.73	6810.00	60336.60	5981.00	52991.66
3	Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 20mm	Cum	8.31	5855.76	48661.37	5855.76	48661.37	6734.00	55959.54	5914.00	49145.34
4	Providing 18mm thick cement plaster in single coat with cement mortor 1:3, to brick masonry including rounding off corners wherver required smooth	Sqm	101.81	298.08	30347.52	298.08	30347.52	343.00	34920.83	301.00	30644.81
5	Providing 15m thick cement plaster in single coat with cement mortar 1:4,tobrick masonry including rounding	Sqm	27.86	238.68	6649.62	238.68	6649.62	275.00	7661.50	241.00	6714.26
6	Providing 12mm thick cement plaster in single coat with cement mortor 1:4, to ceiling including rounding off	Sqm	554.36	243.00	134709.48	243.00	134709.48	280.00	155220.80	245.00	135818.20
7	Providing and laying flooring using prepolished water cut/gang saw 19 mm thick Granite laid over bed of	Sqm	57.10	2600.64	148496.54	2600.64	148496.54	2990.00	170729.00	2627.00	150001.70

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8	Providing vitrified tiles 1000 x 1000mm /800x1200mm of approved make, shade and size for flooring laid on a	Sqm	613.00	2894.64	1774414.32	2894.64	1774414.32	3328.00	2040064.00	2924.00	1792412.00
9	KSRB 14.15-1: Providing marble slab flooring 20mm thick with edges of slab machine cut, for flooring, treads of	Sqm	66.51	3868.56	257297.93	3868.56	257297.93	4448.00	295836.48	3907.00	259854.57
10	Providing and fixing in position 12mm thick plaster of paris (gypsum anhydrous) for ceiling reinforced with hessian cloth flat surface upto a height	Sqm	623.54	1260.36	785884.87	1260.36	785884.87	1450.00	904133.00	1273.00	793766.42
11	KSRB 15-5.1: Providing rough plastering 15mm thick in single coat with cement mortor 1:4, to brick	Sqm	16.20	221.40	3586.68	221.40	3586.68	254.00	4114.80	224.00	3628.80
12	KSRB 14.4 : Providing and laying flooring and steps fine dressed granite	Sqm	50.00	3500.28	175014.00	3500.28	175014.00	4025.00	201250.00	3535.00	176750.00
13	Providing Full nosing for 20mm thick granite slab using required machinery including cost and conveyance of all	Sqm	86.80	291.60	25310.88	291.60	25310.88	335.00	29078.00	295.00	25606.00
14	Providing teak wood frames of doors, windows, clerestory windows, ventilators, and other frames, wrought,	Cum	0.78	196645.32	153383.35	196645.32	153383.35	226122.00	176375.16	198612.00	154917.36
15	Providing and fixing in position fully panelled teak wood shutters for doors, styles and rails of 40mm. thick with	Sqm	13.44	8756.64	117689.24	8756.64	117689.24	10070.00	135340.80	8844.00	118863.36
16	Providing & fixing of glazed 2 Track-2 Panel Sliding Windows made out of multi Chamered uPVC section with	Sqm	3.00	3268.08	9804.24	3268.08	9804.24	3758.00	11274.00	3301.00	9903.00
17	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry	Nos	2.00	1475.28	2950.56	1475.28	2950.56	1696.00	3392.00	1490.00	2980.00
18	Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or	Kg	63.00	102.60	6463.80	102.60	6463.80	118.00	7434.00	104.00	6552.00
19	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or	Sqm	13.44	104.76	1407.97	104.76	1407.97	120.00	1612.80	106.00	1424.64
20	Providing and applying enamel metal paint two coats (Excluding priming coat) over new steel or other metal	Sqm	31.20	102.60	3201.12	102.60	3201.12	118.00	3681.60	104.00	3244.80

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21	Providing and laying integral cement based waterproofing treatment including preparation of surface as	Sqm	584.56	1086.48	635112.75	1086.48	635112.75	1250.00	730700.00	1097.00	641262.32
22	Providing and laying in position Yelahanka tiles of size 250 x 250mm	Sqm	584.56	1056.24	617435.65	1056.24	617435.65	1215.00	710240.40	1067.00	623725.52
23	Point wiring using copper wire without switch Supplying and wiring adopting	Each	30.00	200.00	6000.00	200.00	6000.00	230.00	6900.00	202.00	6060.00
24	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /	Each	45.00	275.00	12375.00	275.00	12375.00	316.00	14220.00	278.00	12510.00
25	Point wiring using copper wire without switch Supplying and wiring adopting	Each	70.00	400.00	28000.00	400.00	28000.00	460.00	32200.00	404.00	28280.00
26	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /	Each	40.00	525.00	21000.00	525.00	21000.00	603.00	24120.00	530.00	21200.00
27	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /	Each	15.00	750.00	11250.00	750.00	11250.00	862.00	12930.00	758.00	11370.00
28	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates.	Each	40.00	125.00	5000.00	125.00	5000.00	143.00	5720.00	126.00	5040.00
29	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates.	Each	40.00	145.00	5800.00	145.00	5800.00	166.00	6640.00	146.00	5840.00
30	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates.	Each	40.00	165.00	6600.00	165.00	6600.00	190.00	7600.00	167.00	6680.00
31	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary	Each	45.00	125.00	5625.00	125.00	5625.00	143.00	6435.00	126.00	5670.00
32	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary	Each	45.00	200.00	9000.00	200.00	9000.00	230.00	10350.00	202.00	9090.00
33	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary	Each	30.00	230.00	6900.00	230.00	6900.00	265.00	7950.00	232.00	6960.00
34	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary	Each	45.00	270.00	12150.00	270.00	12150.00	310.00	13950.00	273.00	12285.00

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35	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	250.00	70.00	17500.00	70.00	17500.00	80.00	20000.00	71.00	17750.00
36	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	300.00	95.00	28500.00	95.00	28500.00	110.00	33000.00	96.00	28800.00
37	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	92.00	105.00	9660.00	105.00	9660.00	120.00	11040.00	106.00	9752.00
38	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	65.00	290.00	18850.00	290.00	18850.00	333.00	21645.00	293.00	19045.00
39	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	45.00	115.00	5175.00	115.00	5175.00	132.00	5940.00	116.00	5220.00
40	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	65.00	96.00	6240.00	96.00	6240.00	110.00	7150.00	97.00	6305.00
41	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	75.00	162.00	12150.00	162.00	12150.00	186.00	13950.00	164.00	12300.00
42	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	45.00	79.00	3555.00	79.00	3555.00	90.00	4050.00	80.00	3600.00
43	Supply and fixing of 6Amps bell buzzer on existing switch board.	Each	1.00	114.00	114.00	114.00	114.00	131.00	131.00	115.00	115.00
44	OPEN Conduit System:Supplying following size heavy guage PVC conduit pipe confirming to IS 2509	Each	900.00	50.00	45000.00	50.00	45000.00	57.00	51300.00	51.00	45900.00
45	OPEN Conduit System:Supplying following size heavy guage PVC conduit pipe confirming to IS 2509	Each	800.00	65.00	52000.00	65.00	52000.00	74.00	59200.00	66.00	52800.00
46	OPEN Conduit System:Supplying following size heavy guage PVC conduit pipe confirming to IS 2509	Each	350.00	92.00	32200.00	92.00	32200.00	105.00	36750.00	93.00	32550.00
47	CONCEALED Conduit System: Supplying heavy gauge pvc conduit pipe ...dia...mm thick with suitable size	Each	550.00	40.00	22000.00	40.00	22000.00	46.00	25300.00	40.00	22000.00

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48	CONCEALED Conduit System: Supplying heavy gauge pvc conduit pipe ...dia...mm thick with suitable size	Each	350.00	53.00	18550.00	53.00	18550.00	60.00	21000.00	54.00	18900.00
49	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low	Each	5000.00	20.50	102500.00	20.50	102500.00	23.00	115000.00	21.00	105000.00
50	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low	Each	3500.00	32.00	112000.00	32.00	112000.00	36.00	126000.00	33.00	115500.00
51	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low	Each	2200.00	45.00	99000.00	45.00	99000.00	52.00	114400.00	45.00	99000.00
52	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low	Each	206.00	188.00	38728.00	188.00	38728.00	216.00	44496.00	190.00	39140.00
53	Supplying and fixing regular MCCB distribution Panel confirm to IS 8828, on wall/ woodboard / flush mounting	Each	4.00	8800.00	35200.00	8800.00	35200.00	10119.00	40476.00	8888.00	35552.00
54	Supplying and fixing regular MCCB distribution Panel confirm to IS 8828, on wall/ woodboard / flush mounting	Each	1.00	11400.00	11400.00	11400.00	11400.00	13108.00	13108.00	11514.00	11514.00
55	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using	Each	1.00	6200.00	6200.00	6200.00	6200.00	7130.00	7130.00	6262.00	6262.00
56	Supplying and fixing regular MCB distribution boards on wall/woodboard/flush mounting using	Each	1.00	960.00	960.00	960.00	960.00	1103.00	1103.00	970.00	970.00
57	Supplying and fixing regular MCB distribution boards on	Each	1.00	983.00	983.00	983.00	983.00	1130.00	1130.00	993.00	993.00
58	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker (ELMCB) 240/450V uoto 300mA	Each	1.00	2300.00	2300.00	2300.00	2300.00	2644.00	2644.00	2323.00	2323.00
59	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker (ELMCB) 240/450V uoto 300mA	Each	1.00	2800.00	2800.00	2800.00	2800.00	3219.00	3219.00	2828.00	2828.00
60	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing	Each	25.00	434.00	10850.00	434.00	10850.00	500.00	12500.00	438.00	10950.00

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61	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing	Each	5.00	1715.00	8575.00	1715.00	8575.00	1972.00	9860.00	1732.00	8660.00
62	Supplying of 4' - LED PVC square batten 28Watts with high quality diffuser with life of 25000 burning	Each	30.00	375.00	11250.00	375.00	11250.00	431.00	12930.00	379.00	11370.00
63	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation.	Each	60.00	8800.00	528000.00	8800.00	528000.00	10119.00	607140.00	8888.00	533280.00
64	Supplying & Fixing of 70-150 Watts lamp holder 2 Pin	Each	10.00	106.00	1060.00	106.00	1060.00	121.00	1210.00	107.00	1070.00
65	Supplying and fixing of round or oblong type bulk head fitting glass cover.	Each	10.00	61.00	610.00	61.00	610.00	70.00	700.00	62.00	620.00
66	LED Flood Light. Supplying of LED Floodlight with .....W System Power consumption pressure die cast	Each	12.00	6800.00	81600.00	6800.00	81600.00	7819.00	93828.00	6868.00	82416.00
67	Supplying of 1440rpm heavy duty eahust fan with bracket blades suitable for operate on 230V 50Hz, AC	Each	4.00	4000.00	16000.00	4000.00	16000.00	4600.00	18400.00	4040.00	16160.00
68	Supplying capacitor type ceiling fan complete with down rod blades,	Each	10.00	2090.00	20900.00	2090.00	20900.00	2403.00	24030.00	2111.00	21110.00
69	Supplying capacitor type ceiling fan complete with down rod blades,	Each	20.00	2127.00	42540.00	2127.00	42540.00	2445.00	48900.00	2148.00	42960.00
70	Supplying wall mounting fan suitable to operate at single phase 230V AC Supply 400mm sweep	Each	8.00	2800.00	22400.00	2800.00	22400.00	3219.00	25752.00	2828.00	22624.00
71	Fixing all types and allcapacities fluorescent / false ceiling/spotlight/	Each	15.00	110.00	1650.00	110.00	1650.00	126.00	1890.00	111.00	1665.00
72	Fixing a ceiling/Wall mounting fan of all capacities and all types to the existing S hook together with	Each	33.00	234.00	7722.00	234.00	7722.00	269.00	8877.00	236.00	7788.00
73	Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to	Each	4.00	650.00	2600.00	650.00	2600.00	747.00	2988.00	657.00	2628.00
74	Fixing halogen/ metal halide/ SVL/ IL / LED flood light fitting over existing pole/ wall ceiling including clamps,	Each	4.00	175.00	700.00	175.00	700.00	201.00	804.00	177.00	708.00

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75	Fixing charges of post top/Gate/Garden fitting/ LED on the existing CI/ GI or any other pipe using	Each	8.00	154.00	1232.00	154.00	1232.00	177.00	1416.00	156.00	1248.00
76	Supplying fixing and wiring earth electrode for grounding of lifts,transformers,DG sets etc., using	Each	4.00	4150.00	16600.00	4150.00	16600.00	4772.00	19088.00	4192.00	16768.00
77	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as	Each	25.00	75.00	1875.00	75.00	1875.00	86.00	2150.00	76.00	1900.00
78	Providin 4 Kg Fire Estinguisher for lite metal fires SPM_TEC With intsatnt alert system with superior qlty EPDM	Each	2.00	10607.00	21214.00	10607.00	21214.00	12196.00	24392.00	10713.00	21426.00
79	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated,extruded inner sheathed	Each	125.00	180.00	22500.00	180.00	22500.00	206.00	25750.00	182.00	22750.00
80	Providing and fixing white vitreous china clay, flat back wash basin of size 550x400mm with a single 15mm	Nos	2.00	3262.68	6525.36	3262.68	6525.36	3750.00	7500.00	3295.00	6590.00
81	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all	Nos	4.00	186.84	747.36	186.84	747.36	215.00	860.00	189.00	756.00
82	Providing and fixing C.P. brass towel rail 600 mm length, 20mm dia with C.P. brackets, fixed to wooden cleats	Nos	4.00	727.92	2911.68	727.92	2911.68	837.00	3348.00	735.00	2940.00
83	Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all	Each	4.00	152.28	609.12	152.28	609.12	175.00	700.00	154.00	616.00
84	Providing and fixing CI Nahani Trap of approved make conforming to ISI specifications and construction of	Each	5.00	307.80	1539.00	307.80	1539.00	353.00	1765.00	311.00	1555.00
85	Earth work excavation for foundation of buildings, water supply, sanitary line and electrical conduits either in pits or	Cum	87.00	322.92	28094.04	322.92	28094.04	370.00	32190.00	326.00	28362.00
86	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having	Mtrs	75.00	169.56	12717.00	169.56	12717.00	194.00	14550.00	171.00	12825.00
87	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having	Mtrs	65.00	211.68	13759.20	211.68	13759.20	243.00	15795.00	214.00	13910.00

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88	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having	Mtrs	65.00	274.32	17830.80	274.32	17830.80	315.00	20475.00	277.00	18005.00
89	KSRB 13-6.2.6: Providing and fixing in position brass gate valve with C.I. wheel of approved qualit (screwed	Nos	4.00	2271.24	9084.96	2271.24	9084.96	2611.00	10444.00	2294.00	9176.00
90	KSRB 13-6 4.1: providing and fixing in position brass ball valve high or low pressure with plastic float of approved	Nos	4.00	554.04	2216.16	554.04	2216.16	637.00	2548.00	560.00	2240.00
91	Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner	Ltr	2000.00	6.48	12960.00	6.48	12960.00	7.40	14800.00	7.00	14000.00
92	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings,	Mtrs	60.00	468.72	28123.20	468.72	28123.20	539.00	32340.00	473.00	28380.00
93	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth,	Nos	4.00	7629.12	30516.48	7629.12	30516.48	8772.00	35088.00	7705.00	30820.00
94	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00KGf/sq.cm. working	Mtrs	25.00	600.48	15012.00	600.48	15012.00	690.00	17250.00	606.00	15150.00
95	KSRB 2-2.1: Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical	Cum	716.16	322.92	231262.39	322.92	231262.39	371.00	265695.36	326.00	233468.16
96	KSRRB M200-15.1. Dismantling of existing structures like culverts, bridges, retaining walls and other	Tonne	50.00	2044.44	102222.00	2044.44	102222.00	1771.00	88550.00	2065.00	103250.00
97	KSRB - 4-1.6: Providing and laying in position plain cement concrete of mix M-10 with OPC cement @ 220kgs,	Cum	10.69	5609.52	59965.77	5609.52	59965.77	6450.00	68950.50	5666.00	60569.54
98	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form	Sqm	52.80	278.64	14712.19	278.64	14712.19	320.00	16896.00	281.00	14836.80
99	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars,	Sqm	43.89	492.48	21614.95	492.48	21614.95	566.00	24841.74	497.00	21813.33
100	KSRB - 4.2.8: Providing and laying in position reinforced cement concrete of design mix M 20 with OPC cement @	Cum	25.44	6363.36	161883.88	6363.36	161883.88	7317.00	186144.48	6427.00	163502.88

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101	KSRB - 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting,	Tonne	9.02	69562.80	627456.46	84247.56	759912.99	88132.00	794950.64	70258.00	633727.16
102	KSRRB 300- Scarifying the surface and dressing KSRRB 300-44: Scarifying top bituminous surface or	Sqm	595.00	86.40	51408.00	86.40	51408.00	100.00	59500.00	87.00	51765.00
103	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam	Cum	148.75	2039.04	303307.20	2039.04	303307.20	2345.00	348818.75	2059.00	306276.25
104	Royal Bench. Made out of Sadrahallii grey stone with hand support with machine cutting top slab with line	Nos	12.00	10500.00	126000.00	10500.00	126000.00	12074.00	144888.00	10605.00	127260.00
105	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of Design mix M20 with OPC cement	Cum	120.51	6111.72	736523.38	6111.72	736523.38	7028.00	846944.28	6173.00	743908.23
106	KSRB 14.6-1 : Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and	Sqm	640.00	1198.80	767232.00	1198.80	767232.00	1379.00	882560.00	1211.00	775040.00
107	Providing and fixing granite name board fixed in cement morter to wall "The board shall be fixed as per	Sqm	2.00	350000.00	700000.00	350000.00	700000.00	201232.00	402464.00	201232.00	402464.00
108	Fabricating supplying and erecting M.S. Tubuler Truss of all span as per approved drawing design with	Kg	25052.00	119.88	3003233.76	119.88	3003233.76	138.00	3457176.00	121.00	3031292.00
109	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume	Sqm	954.00	743.04	708860.16	743.04	708860.16	854.00	814716.00	750.00	715500.00
110	KSRRB M100-1 & M100-4.1. Conveying by Loading and unloading of moorum/debris. Placing tipper at	Cum	716.16	130.68	93587.79	130.68	93587.79	150.00	107424.00	132.00	94533.12
111	KSRRB M400-6.2. Construction of granular sub case by providing close graded material, spreading in uniform	Cum	172.42	2032.56	350454.00	2032.56	350454.00	2337.00	402945.54	2053.00	353978.26
112	KSRRB M500-1: Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @ 160kg, with	Cum	172.42	3958.20	682472.84	3958.20	682472.84	4552.00	784855.84	3998.00	689335.16
113	KSRRB M600-2. Cement concrete pavement : construction of unreinforced, dowel jointed, plaint	Cum	172.42	5959.44	1027526.64	5959.44	1027526.64	6853.00	1181594.26	6030.00	1039692.60

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114	Vaccum De- writing with vaccum pump and suction mat and compaction with skin floater clubbed	Sqm	1149.50	73.44	84419.28	73.44	84419.28	84.00	96558.00	80.00	91960.00
115	Removing B.S.Slab of drain and Stacking . As Per Direction Of The Engineer Incharge	Sqm	168.00	104.94	17629.92	104.94	17629.92	121.00	20328.00	106.00	17808.00
116	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry,	Cum	1.88	454.36	854.20	454.36	854.20	522.00	981.36	459.00	862.92
117	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces	Cum	141.30	1050.90	148492.17	1050.90	148492.17	1208.00	170690.40	1061.00	149919.30
118	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry,	Cum	244.80	413.02	101107.30	413.02	101107.30	475.00	116280.00	417.00	102081.60
119	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in	Cum	624.72	235.76	147283.99	235.76	147283.99	271.00	169299.12	238.00	148683.36
120	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed,	Cum	123.34	4479.56	552508.93	4479.56	552508.93	5151.00	635324.34	4524.00	557990.16
121	Providing and laying Plain / Reinforced Cement Concrete design mix M25 with OPC @ 340kgs, with 20mm and	Cum	41.10	5294.70	217612.17	5294.70	217612.17	6088.00	250216.80	5348.00	219802.80
122	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending,	Tonne	2.59	65046.90	168471.47	80146.60	207579.69	83169.00	215407.71	65696.00	170152.64
123	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour,	Sqm	121.00	2337.00	282777.00	2337.00	282777.00	2687.00	325127.00	2337.00	282777.00
124	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour,	Sqm	14.40	5418.00	78019.20	5418.00	78019.20	6230.00	89712.00	5418.00	78019.20
125	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each	Cum	61.20	128.26	7849.51	128.26	7849.51	148.00	9057.60	130.00	7956.00
126	Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for	Sqm	727.60	1116.18	812132.57	1116.18	812132.57	1284.00	934238.40	1127.00	820005.20

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127	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC	Mtrs	1171.00	467.46	547395.66	467.46	547395.66	538.00	629998.00	472.00	552712.00
128	Providing and applying spray painting (excluding priming coat) over concrete / masonry / asbestos cement	Sqm	210.80	58.30	12289.64	58.30	12289.64	67.00	14123.60	59.00	12437.20
129	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered	Sqm	210.80	84.80	17875.84	84.80	17875.84	97.00	20447.60	86.00	18128.80
130	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail,	Sqm	578.60	6382.26	3692775.64	6382.26	3692775.64	7340.00	4246924.00	6600.00	3818760.00
131	Excavation in Soil using Hydraulic Excavator CK 90 and Tippers with Disposal Excavation for roadwork in	Cum	505.58	141.42	71499.12	141.42	71499.12	162.00	81903.96	142.00	71792.36
132	Construction of granular sub-base Grading-V as sub base and drainage layers by providing coarse graded	Cum	168.52	1994.92	336183.92	1994.92	336183.92	2294.00	386584.88	2100.00	353892.00
133	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap /	Cum	168.52	2001.28	337255.71	2001.28	337255.71	2300.00	387596.00	2100.00	353892.00
134	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base	Sqm	2247.00	29.68	66690.96	29.68	66690.96	40.00	89880.00	30.00	67410.00
135	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and	Sqm	1123.50	5.30	5954.55	5.30	5954.55	6.00	6741.00	5.00	5617.50
136	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading,	Cum	53.15	6407.70	340569.26	7292.80	387612.32	8542.00	454007.30	8500.00	451775.00
137	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5	Sqm	1123.50	12.72	14290.92	12.72	14290.92	15.00	16852.50	13.00	14605.50
138	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of	Cum	44.94	7768.74	349127.18	8798.00	395382.12	10155.00	456365.70	9500.00	426930.00

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139	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on	Sqm	64.20	454.74	29194.31	454.74	29194.31	523.00	33576.60	456.00	29275.20
	Total Summary Amount				**25142145.52**		**25407008.29**		**28702834.89**		**25393564.00**
	% when compared to PWD SR 2018-19 (Sanctioned Estimate Rates)							**14.16**		**1.00**	
	% when compared to PWD SR 2018-19 and Issue rates dated 01.02.2021							**12.97**		**-0.05**	

Executive Engineer
Rajarajeshwari nagar Division
BBMP

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Bruhath Bangalore Mahanagara Palike

Negotiated Financial Bid Comparative Statement

Tender Notification No. RRND/EE/Tend/07/2020-21, Date: 18.12.2020

Indet No: BBMP/2020-21/OW/WORK_INDENT46185

Name of Work: Construction of Arch and Providing interlocking tiles infront of Saibaba Temple and Construction of RCC Roof for Ramp near Ganesha Temple in ward no 17 and Widening and Improvements to Road from BEL Circle to Mathikere Flyover.

Sl No	Item Name	Unit	Estimate Quantity	As per Sanctioned Estimate Rate (PWD SR 2018-19 B'lore Circle.)		As per PWD SR 2018-19 and Issue Rate Dated: 01.02.2021		Rates quoted by B N Girish (S K S INFRASTRUCTURES PVT LTD)		Negotiated rates quoted by B N Girish (S K S INFRASTRUCTURES PVT LTD)	
				Estimate Rate	Total Amount in Rs	Estimate Rate	Total Amount in Rs	Rate	Total Amount in Rs	Rate	Total Amount in Rs
1	Providing and constructing Precast concrete solid blocks with compressive strenght not less than	Sqm	128.01	984.96	126084.73	984.96	126084.73	1132.00	144907.32	1034.00	132362.34
2	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:8,	Cum	8.86	5921.64	52465.73	5921.64	52465.73	6810.00	60336.60	6215.00	55064.90
3	Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 20mm	Cum	8.31	5855.76	48661.37	5855.76	48661.37	6734.00	55959.54	6146.00	51073.26
4	Providing 18mm thick cement plaster in single coat with cement mortor 1:3, to brick masonry including rounding off corners wherver required smooth	Sqm	101.81	298.08	30347.52	298.08	30347.52	343.00	34920.83	313.00	31866.53
5	Providing 15m thick cement plaster in single coat with cement mortar 1:4,tobrick masonry including rounding	Sqm	27.86	238.68	6649.62	238.68	6649.62	275.00	7661.50	250.00	6965.00
6	Providing 12mm thick cement plaster in single coat with cement mortor 1:4, to ceiling including rounding off	Sqm	554.36	243.00	134709.48	243.00	134709.48	280.00	155220.80	255.00	141361.80
7	Providing and laying flooring using prepolished water cut/gang saw 19 mm thick Granite laid over bed of	Sqm	57.10	2600.64	148496.54	2600.64	148496.54	2990.00	170729.00	2729.00	155825.90

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8	Providing vitrified tiles 1000 x 1000mm /800x1200mm of approved make, shade and size for flooring laid on a	Sqm	613.00	2894.64	1774414.32	2894.64	1774414.32	3328.00	2040064.00	3038.00	1862294.00
9	KSRB 14.15-1: Providing marble slab flooring 20mm thick with edges of slab machine cut, for flooring, treads of	Sqm	66.51	3868.56	257297.93	3868.56	257297.93	4448.00	295836.48	4060.00	270030.60
10	Providing and fixing in position 12mm thick plaster of paris (gypsum anhydrous) for ceiling reinforced with hessian cloth flat surface upto a height	Sqm	623.54	1260.36	785884.87	1260.36	785884.87	1450.00	904133.00	1400.00	872956.00
11	KSRB 15-5.1: Providing rough plastering 15mm thick in single coat with cement mortor 1:4, to brick	Sqm	16.20	221.40	3586.68	221.40	3586.68	254.00	4114.80	232.00	3758.40
12	KSRB 14.4 : Providing and laying flooring and steps fine dressed granite	Sqm	50.00	3500.28	175014.00	3500.28	175014.00	4025.00	201250.00	3674.00	183700.00
13	Providing Full nosing for 20mm thick granite slab using required machinery including cost and conveyance of all	Sqm	86.80	291.60	25310.88	291.60	25310.88	335.00	29078.00	306.00	26560.80
14	Providing teak wood frames of doors, windows, clerestory windows, ventilators, and other frames, wrought,	Cum	0.78	196645.32	153383.35	196645.32	153383.35	226122.00	176375.16	226000.00	176280.00
15	Providing and fixing in position fully panelled teak wood shutters for doors, styles and rails of 40mm. thick with	Sqm	13.44	8756.64	117689.24	8756.64	117689.24	10070.00	135340.80	9190.00	123513.60
16	Providing & fixing of glazed 2 Track-2 Panel Sliding Windows made out of multi Chamered uPVC section with	Sqm	3.00	3268.08	9804.24	3268.08	9804.24	3758.00	11274.00	3430.00	10290.00
17	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry	Nos	2.00	1475.28	2950.56	1475.28	2950.56	1696.00	3392.00	1548.00	3096.00
18	Providing and fixing M.S.grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or	Kg	63.00	102.60	6463.80	102.60	6463.80	118.00	7434.00	108.00	6804.00
19	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or	Sqm	13.44	104.76	1407.97	104.76	1407.97	120.00	1612.80	110.00	1478.40
20	Providing and applying enamel metal paint two coats (Excluding priming coat) over new steel or other metal	Sqm	31.20	102.60	3201.12	102.60	3201.12	118.00	3681.60	108.00	3369.60

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21	Providing and laying integral cement based waterproofing treatment including preparation of surface as	Sqm	584.56	1086.48	635112.75	1086.48	635112.75	1250.00	730700.00	1140.00	666398.40
22	Providing and laying in position Yelahanka tiles of size 250 x 250mm	Sqm	584.56	1056.24	617435.65	1056.24	617435.65	1215.00	710240.40	1109.00	648277.04
23	Point wiring using copper wire without switch Supplying and wiring adopting	Each	30.00	200.00	6000.00	200.00	6000.00	230.00	6900.00	210.00	6300.00
24	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /	Each	45.00	275.00	12375.00	275.00	12375.00	316.00	14220.00	289.00	13005.00
25	Point wiring using copper wire without switch Supplying and wiring adopting	Each	70.00	400.00	28000.00	400.00	28000.00	460.00	32200.00	420.00	29400.00
26	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /	Each	40.00	525.00	21000.00	525.00	21000.00	603.00	24120.00	551.00	22040.00
27	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /	Each	15.00	750.00	11250.00	750.00	11250.00	862.00	12930.00	787.00	11805.00
28	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates.	Each	40.00	125.00	5000.00	125.00	5000.00	143.00	5720.00	131.00	5240.00
29	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates.	Each	40.00	145.00	5800.00	145.00	5800.00	166.00	6640.00	152.00	6080.00
30	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates.	Each	40.00	165.00	6600.00	165.00	6600.00	190.00	7600.00	173.00	6920.00
31	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary	Each	45.00	125.00	5625.00	125.00	5625.00	143.00	6435.00	131.00	5895.00
32	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary	Each	45.00	200.00	9000.00	200.00	9000.00	230.00	10350.00	210.00	9450.00
33	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary	Each	30.00	230.00	6900.00	230.00	6900.00	265.00	7950.00	241.00	7230.00
34	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary	Each	45.00	270.00	12150.00	270.00	12150.00	310.00	13950.00	283.00	12735.00

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35	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	250.00	70.00	17500.00	70.00	17500.00	80.00	20000.00	73.00	18250.00
36	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	300.00	95.00	28500.00	95.00	28500.00	110.00	33000.00	100.00	30000.00
37	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	92.00	105.00	9660.00	105.00	9660.00	120.00	11040.00	110.00	10120.00
38	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	65.00	290.00	18850.00	290.00	18850.00	333.00	21645.00	304.00	19760.00
39	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	45.00	115.00	5175.00	115.00	5175.00	132.00	5940.00	121.00	5445.00
40	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	65.00	96.00	6240.00	96.00	6240.00	110.00	7150.00	101.00	6565.00
41	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	75.00	162.00	12150.00	162.00	12150.00	186.00	13950.00	170.00	12750.00
42	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854	Each	45.00	79.00	3555.00	79.00	3555.00	90.00	4050.00	83.00	3735.00
43	Supply and fixing of 6Amps bell buzzer on existing switch board.	Each	1.00	114.00	114.00	114.00	114.00	131.00	131.00	120.00	120.00
44	OPEN Conduit System:Supplying following size heavy guage PVC conduit pipe confirming to IS 2509	Each	900.00	50.00	45000.00	50.00	45000.00	57.00	51300.00	52.00	46800.00
45	OPEN Conduit System:Supplying following size heavy guage PVC conduit pipe confirming to IS 2509	Each	800.00	65.00	52000.00	65.00	52000.00	74.00	59200.00	68.00	54400.00
46	OPEN Conduit System:Supplying following size heavy guage PVC conduit pipe confirming to IS 2509	Each	350.00	92.00	32200.00	92.00	32200.00	105.00	36750.00	97.00	33950.00
47	CONCEALED Conduit System. Supplying heavy gauge pvc conduit pipe ...dia ..mm thick with suitable size	Each	550.00	40.00	22000.00	40.00	22000.00	46.00	25300.00	42.00	23100.00

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48	CONCEALED Conduit System: Supplying heavy gauge pvc conduit pipe ...dia...mm thick with suitable size	Each	350.00	53.00	18550.00	53.00	18550.00	60.00	21000.00	56.00	19600.00
49	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low	Each	5000.00	20.50	102500.00	20.50	102500.00	23.00	115000.00	22.00	110000.00
50	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low	Each	3500.00	32.00	112000.00	32.00	112000.00	36.00	126000.00	34.00	119000.00
51	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low	Each	2200.00	45.00	99000.00	45.00	99000.00	52.00	114400.00	47.00	103400.00
52	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low	Each	206.00	188.00	38728.00	188.00	38728.00	216.00	44496.00	197.00	40582.00
53	Supplying and fixing regular MCCB distribution Panel confirm to IS 8828, on wall/ woodboard / flush mounting	Each	4.00	8800.00	35200.00	8800.00	35200.00	10119.00	40476.00	9236.00	36944.00
54	Supplying and fixing regular MCCB distribution Panel confirm to IS 8828, on wall/ woodboard / flush mounting	Each	1.00	11400.00	11400.00	11400.00	11400.00	13108.00	13108.00	11964.00	11964.00
55	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using	Each	1.00	6200.00	6200.00	6200.00	6200.00	7130.00	7130.00	6507.00	6507.00
56	Supplying and fixing regular MCB distribution boards on wall/woodboard/flush mounting using	Each	1.00	960.00	960.00	960.00	960.00	1103.00	1103.00	1008.00	1008.00
57	Supplying and fixing regular MCB distribution boards on	Each	1.00	983.00	983.00	983.00	983.00	1130.00	1130.00	1032.00	1032.00
58	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker (ELMCB) 240/450V uoto 300mA	Each	1.00	2300.00	2300.00	2300.00	2300.00	2644.00	2644.00	2414.00	2414.00
59	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker (ELMCB) 240/450V uoto 300mA	Each	1.00	2800.00	2800.00	2800.00	2800.00	3219.00	3219.00	2939.00	2939.00
60	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing	Each	25.00	434.00	10850.00	434.00	10850.00	500.00	12500.00	455.00	11375.00

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61	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing	Each	5.00	1715.00	8575.00	1715.00	8575.00	1972.00	9860.00	1800.00	9000.00
62	Supplying of 4' - LED PVC square batten 28Watts with high quality diffuser with life of 25000 burning	Each	30.00	375.00	11250.00	375.00	11250.00	431.00	12930.00	394.00	11820.00
63	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation.	Each	60.00	8800.00	528000.00	8800.00	528000.00	10119.00	607140.00	9000.00	540000.00
64	Supplying & Fixing of 70-150 Watts lamp holder 2 Pin	Each	10.00	106.00	1060.00	106.00	1060.00	121.00	1210.00	111.00	1110.00
65	Supplying and fixing of round or oblong type bulk head fitting glass cover.	Each	10.00	61.00	610.00	61.00	610.00	70.00	700.00	64.00	640.00
66	LED Flood Light. Supplying of LED Floodlight with .....W System Power consumption pressure die cast	Each	12.00	6800.00	81600.00	6800.00	81600.00	7819.00	93828.00	7137.00	85644.00
67	Supplying of 1440rpm heavy duty eahust fan with bracket blades suitable for operate on 230V 50Hz, AC	Each	4.00	4000.00	16000.00	4000.00	16000.00	4600.00	18400.00	4198.00	16792.00
68	Supplying capacitor type ceiling fan complete with down rod blades,	Each	10.00	2090.00	20900.00	2090.00	20900.00	2403.00	24030.00	2193.00	21930.00
69	Supplying capacitor type ceiling fan complete with down rod blades,	Each	20.00	2127.00	42540.00	2127.00	42540.00	2445.00	48900.00	2232.00	44640.00
70	Supplying wall mounting fan suitable to operate at single phase 230V AC Supply. 400mm sweep	Each	8.00	2800.00	22400.00	2800.00	22400.00	3219.00	25752.00	2939.00	23512.00
71	Fixing all types and allcapacities fluorescent / false ceiling/spotlight/	Each	15.00	110.00	1650.00	110.00	1650.00	126.00	1890.00	115.00	1725.00
72	Fixing a ceiling/Wall mounting fan of all capacities and all types to the existing S hook together with	Each	33.00	234.00	7722.00	234.00	7722.00	269.00	8877.00	246.00	8118.00
73	Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to	Each	4.00	650.00	2600.00	650.00	2600.00	747.00	2988.00	682.00	2728.00
74	Fixing halogen/ metal halide/ SVL/ IL / LED flood light fitting over existing pole' wall ceiling including clamps.	Each	4.00	175.00	700.00	175.00	700.00	201.00	804.00	184.00	736.00

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75	Fixing charges of post top/Gate/Garden fitting/ LED on the existing CI/ GI or any other pipe using	Each	8.00	154.00	1232.00	154.00	1232.00	177.00	1416.00	162.00	1296.00
76	Supplying fixing and wiring earth electrode for grounding of lifts,transformers,DG sets etc., using	Each	4.00	4150.00	16600.00	4150.00	16600.00	4772.00	19088.00	4355.00	17420.00
77	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as	Each	25.00	75.00	1875.00	75.00	1875.00	86.00	2150.00	79.00	1975.00
78	Providin 4 Kg Fire Estinguisher for lite metal fires SPM_TEC With intsatnt alert system with superior qlty EPDM	Each	2.00	10607.00	21214.00	10607.00	21214.00	12196.00	24392.00	11132.00	22264.00
79	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated,extruded inner sheathed	Each	125.00	180.00	22500.00	180.00	22500.00	206.00	25750.00	189.00	23625.00
80	Providing and fixing white vitreous china clay, flat back wash basin of size 550x400mm with a single 15mm	Nos	2.00	3262.68	6525.36	3262.68	6525.36	3750.00	7500.00	3424.00	6848.00
81	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all	Nos	4.00	186.84	747.36	186.84	747.36	215.00	860.00	196.00	784.00
82	Providing and fixing C.P. brass towel rail 600 mm length, 20mm dia with C.P. brackets, fixed to wooden cleats	Nos	4.00	727.92	2911.68	727.92	2911.68	837.00	3348.00	764.00	3056.00
83	Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all	Each	4.00	152.28	609.12	152.28	609.12	175.00	700.00	160.00	640.00
84	Providing and fixing CI Nahani Trap of approved make conforming to ISI specifications and construction of	Each	5.00	307.80	1539.00	307.80	1539.00	353.00	1765.00	323.00	1615.00
85	Earth work excavation for foundation of buildings, water supply, sanitary line and electrical conduits either in pits or	Cum	87.00	322.92	28094.04	322.92	28094.04	370.00	32190.00	339.00	29493.00
86	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having	Mtrs	75.00	169.56	12717.00	169.56	12717.00	194.00	14550.00	178.00	13350.00
87	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having	Mtrs	65.00	211.68	13759.20	211.68	13759.20	243.00	15795.00	222.00	14430.00

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88	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having	Mtrs	65.00	274.32	17830.80	274.32	17830.80	315.00	20475.00	288.00	18720.00
89	KSRB 13-6.2.6: Providing and fixing in position brass gate valve with C.I. wheel of approved qualit (screwed	Nos	4.00	2271.24	9084.96	2271.24	9084.96	2611.00	10444.00	2384.00	9536.00
90	KSRB 13-6 4.1: providing and fixing in position brass ball valve high or low pressure with plastic float of approved	Nos	4.00	554.04	2216.16	554.04	2216.16	637.00	2548.00	581.00	2324.00
91	Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner	Ltr	2000.00	6.48	12960.00	6.48	12960.00	7.40	14800.00	7.00	14000.00
92	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings,	Mtrs	60.00	468.72	28123.20	468.72	28123.20	539.00	32340.00	492.00	29520.00
93	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth,	Nos	4.00	7629.12	30516.48	7629.12	30516.48	8772.00	35088.00	8007.00	32028.00
94	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00KGf/sq.cm. working	Mtrs	25.00	600.48	15012.00	600.48	15012.00	690.00	17250.00	630.00	15750.00
95	KSRB 2-2.1: Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical	Cum	716.16	322.92	231262.39	322.92	231262.39	371.00	265695.36	339.00	242778.24
96	KSRRB M200-15.1. Dismantling of existing structures like culverts, bridges, retaining walls and other	Tonne	50.00	2044.44	102222.00	2044.44	102222.00	1771.00	88550.00	1770.00	88500.00
97	KSRB - 4-1.6: Providing and laying in position plain cement concrete of mix M-10 with OPC cement @ 220kgs,	Cum	10.69	5609.52	59965.77	5609.52	59965.77	6450.00	68950.50	5887.00	62932.03
98	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form	Sqm	52.80	278.64	14712.19	278.64	14712.19	320.00	16896.00	292.00	15417.60
99	KSRB 4-6 5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars,	Sqm	43.89	492.48	21614.95	492.48	21614.95	566.00	24841.74	517.00	22691.13
100	KSRB - 4.2.8: Providing and laying in position reinforced cement concrete of design mix M 20 with OPC cement @	Cum	25.44	6363.36	161883.88	6363.36	161883.88	7317.00	186144.48	6678.00	169888.32

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101	KSRB - 4.9.2: Providing TMT steel reinforcement for R.C.C work including straightening, cutting,	Tonne	9.02	69562.80	627456.46	84247.56	759912.99	88132.00	794950.64	80000.00	721600.00
102	KSRRB 300- Scarifying the surface and dressing KSRRB 300-44: Scarifying top bituminous surface or	Sqm	595.00	86.40	51408.00	86.40	51408.00	100.00	59500.00	91.00	54145.00
103	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam	Cum	148.75	2039.04	303307.20	2039.04	303307.20	2345.00	348818.75	2140.00	318325.00
104	Royal Bench: Made out of Sadrahallii grey stone with hand support with machine cutting top slab with line	Nos	12.00	10500.00	126000.00	10500.00	126000.00	12074.00	144888.00	11020.00	132240.00
105	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of Design mix M20 with OPC cement	Cum	120.51	6111.72	736523.38	6111.72	736523.38	7028.00	846944.28	6414.00	772951.14
106	KSRB 14.6-1 : Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and	Sqm	640.00	1198.80	767232.00	1198.80	767232.00	1379.00	882560.00	1258.00	805120.00
107	Providing and fixing granite name board fixed in cement morter to wall."The board shall be fixed as per	Sqm	2.00	350000.00	700000.00	350000.00	700000.00	201232.00	402464.00	201200.00	402400.00
108	Fabricating supplying and erecting M.S. Tubuler Truss of all span as per approved drawing design with	Kg	25052.00	119.88	3003233.76	119.88	3003233.76	138.00	3457176.00	130.00	3256760.00
109	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume	Sqm	954.00	743.04	708860.16	743.04	708860.16	854.00	814716.00	780.00	744120.00
110	KSRRB M100-1 & M100-4.1. Conveying by Loading and unloading of moorum/debris. Placing tipper at	Cum	716.16	130.68	93587.79	130.68	93587.79	150.00	107424.00	137.00	98113.92
111	KSRRB M400-6.2: Construction of granular sub case by providing close graded material, spreading in uniform	Cum	172.42	2032.56	350454.00	2032.56	350454.00	2337.00	402945.54	2133.00	367771.86
112	KSRRB M600-1: Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @ 160kg, with	Cum	172.42	3958.20	682472.84	3958.20	682472.84	4552.00	784855.84	4154.00	716232.68
113	KSRRB M600-2: Cement concrete pavement : construction of unreinforced, dowel jointed, plaint	Cum	172.42	5959.44	1027526.64	5959.44	1027526.64	6853.00	1181594.26	6200.00	1069004.00

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114	Vaccum De- writing with vaccum pump and suction mat and compaction with skin floater clubbed	Sqm	1149.50	73.44	84419.28	73.44	84419.28	84.00	96558.00	77.00	88511.50
115	Removing B.S.Slab of drain and Stacking . As Per Direction Of The Engineer Incharge	Sqm	168.00	104.94	17629.92	104.94	17629.92	121.00	20328.00	110.00	18480.00
116	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry,	Cum	1.88	454.36	854.20	454.36	854.20	522.00	981.36	477.00	896.76
117	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces	Cum	141.30	1050.90	148492.17	1050.90	148492.17	1208.00	170690.40	1103.00	155853.90
118	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry,	Cum	244.80	413.02	101107.30	413.02	101107.30	475.00	116280.00	433.00	105998.40
119	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in	Cum	624.72	235.76	147283.99	235.76	147283.99	271.00	169299.12	247.00	154305.84
120	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed,	Cum	123.34	4479.56	552508.93	4479.56	552508.93	5151.00	635324.34	4600.00	567364.00
121	Providing and laying Plain / Reinforced Cement Concrete design mix M25 with OPC @ 340kgs, with 20mm and	Cum	41.10	5294.70	217612.17	5294.70	217612.17	6088.00	250216.80	5557.00	228392.70
122	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending,	Tonne	2.59	65046.90	168471.47	80146.60	207579.69	83169.00	215407.71	80000.00	207200.00
123	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour,	Sqm	121.00	2337.00	282777.00	2337.00	282777.00	2687.00	325127.00	2337.00	282777.00
124	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour,	Sqm	14.40	5418.00	78019.20	5418.00	78019.20	6230.00	89712.00	5418.00	78019.20
125	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each	Cum	61.20	128.26	7849.51	128.26	7849.51	148.00	9057.60	135.00	8262.00
126	Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for	Sqm	727.60	1116.18	812132.57	1116.18	812132.57	1284.00	934238.40	1171.00	852019.60

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127	Providing and fixing pre cast solid concrete kerb stones of size 450x150x500 mm made out of CC	Mtrs	1171.00	467.46	547395.66	467.46	547395.66	538.00	629998.00	491.00	574961.00
128	Providing and applying spray painting (excluding priming coat) over concrete / masonry / asbestos cement	Sqm	210.80	58.30	12289.64	58.30	12289.64	67.00	14123.60	61.00	12858.80
129	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered	Sqm	210.80	84.80	17875.84	84.80	17875.84	97.00	20447.60	89.00	18761.20
130	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail,	Sqm	578.60	6382.26	3692775.64	6382.26	3692775.64	7340.00	4246924.00	6693.00	3872569.80
131	Excavation in Soil using Hydraulic Excavator CK 90 and Tippers with Disposal Excavation for roadwork in	Cum	505.58	141.42	71499.12	141.42	71499.12	162.00	81903.96	148.00	74825.84
132	Construction of granular sub-base Grading-V as sub base and drainage layers by providing coarse graded	Cum	168.52	1994.92	336183.92	1994.92	336183.92	2294.00	386584.88	2100.00	353892.00
133	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap /	Cum	168.52	2001.28	337255.71	2001.28	337255.71	2300.00	387596.00	2200.00	370744.00
134	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base	Sqm	2247.00	29.68	66690.96	29.68	66690.96	40.00	89880.00	30.00	67410.00
135	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and	Sqm	1123.50	5.30	5954.55	5.30	5954.55	6.00	6741.00	6.00	6741.00
136	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading,	Cum	53.15	6407.70	340569.26	7292.80	387612.32	8542.00	454007.30	8000.00	425200.00
137	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5	Sqm	1123.50	12.72	14290.92	12.72	14290.92	15.00	16852.50	13.00	14605.50
138	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of	Cum	44.94	7768.74	349127.18	8798.00	395382.12	10155.00	456365.70	9200.00	413448.00

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139	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on	Sqm	64.20	454.74	29194.31	454.74	29194.31	523.00	33576.60	479.00	30751.80
	Total Summary Amount				**25142145.52**		**25407008.29**		**28702834.89**		**26374096.00**
	% when compared to PWD SR 2018-19 (Sanctioned Estimate Rates)								**14.16**		**4.90**
	% when compared to PWD SR 2018-19 and Issue rates dated 01.02.2021								**12.97**		**3.81**

Executive Engineer
Rajarajeshwari nagar Division
BBMP

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